



V. Enrichment Activities

A. Research

- 1. Use resources on the Internet to write a report on electric cars. Include how they could help lower nitrous oxide emissions. Include the energy sources we could use to provide power for the cars if we want to use nonpolluting source of energy.
- 2. Use resources on the Internet to write a report on fuel cells.

 Include the use of water electrolysis to make hydrogen from water.
- 3. Research the relationship of ultraviolet radiation to skin cancer.
- 4. Research the relationship of ultraviolet radiation to cataracts.
- 5. Find out how ozone is created by lightning.
- 6. Research the change in the shape of the Antarctic ozone hole every five years since 1957. Draw the change and label each one.

B. Newspaper Activities

1. Collect articles related to ozone and summarize each one.

C. Related Web Sites

- 1. NOAA's Office of Global Programs Ozone site http://www.ogp.noaa.gov/OGPFront/mono2.html
- 2. Aeronomy lab

http://www.al.noaa.gov

- 3. Commonly asked questions about ozone from the Aeronomy Lab http://www.al.noaa.gov/WWWHD/pubdocs/Assessment 94/common-questions.html
- 4. Climate Diagnostics Laboratory www.cmdl.noaa.gov/





